

**Remarks**

Claims 1-15 are pending in the application. Claims 1-15 are rejected. Claims 1-15 are objected to. Claim 1 is amended. All rejections and objections are respectfully traversed.

Claims 1-15 are objected to due to informalities.

Claim 1 is amended to change “RF” to “radio frequency (RF)” and to define the variables  $L_t$ ,  $t$ ,  $r$  and  $L_r$ .

Claim 11 is amended to correct a typographical error.

The Examiner states that the claims include reference characters that are not enclosed within parentheses. Applicants have reviewed the claims and can find no such reference characters. Applicants respectfully request that the Examiner specifically point out where he finds the offending reference characters or, otherwise, withdraw his objection.

Claims 1-15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite.

Claim 1 is amended to remove the word “weighted”.

It is believed that this application is now in condition for allowance. A notice to this effect is respectfully requested. Should further questions arise

concerning this application, the Examiner is invited to call Applicants' attorney at the number listed below. Please charge any shortage in fees due in connection with the filing of this paper to Deposit Account 50-0749.

Respectfully submitted,  
Mitsubishi Electric Research Laboratories, Inc.

By

/Clifton D. Mueller/

Clifton D. Mueller  
Attorney for the Assignee  
Reg. No. 57,836

201 Broadway, 8<sup>th</sup> Floor  
Cambridge, MA 02139  
Telephone: (617) 621-7517  
Customer No. 022199